

FIGURE 1

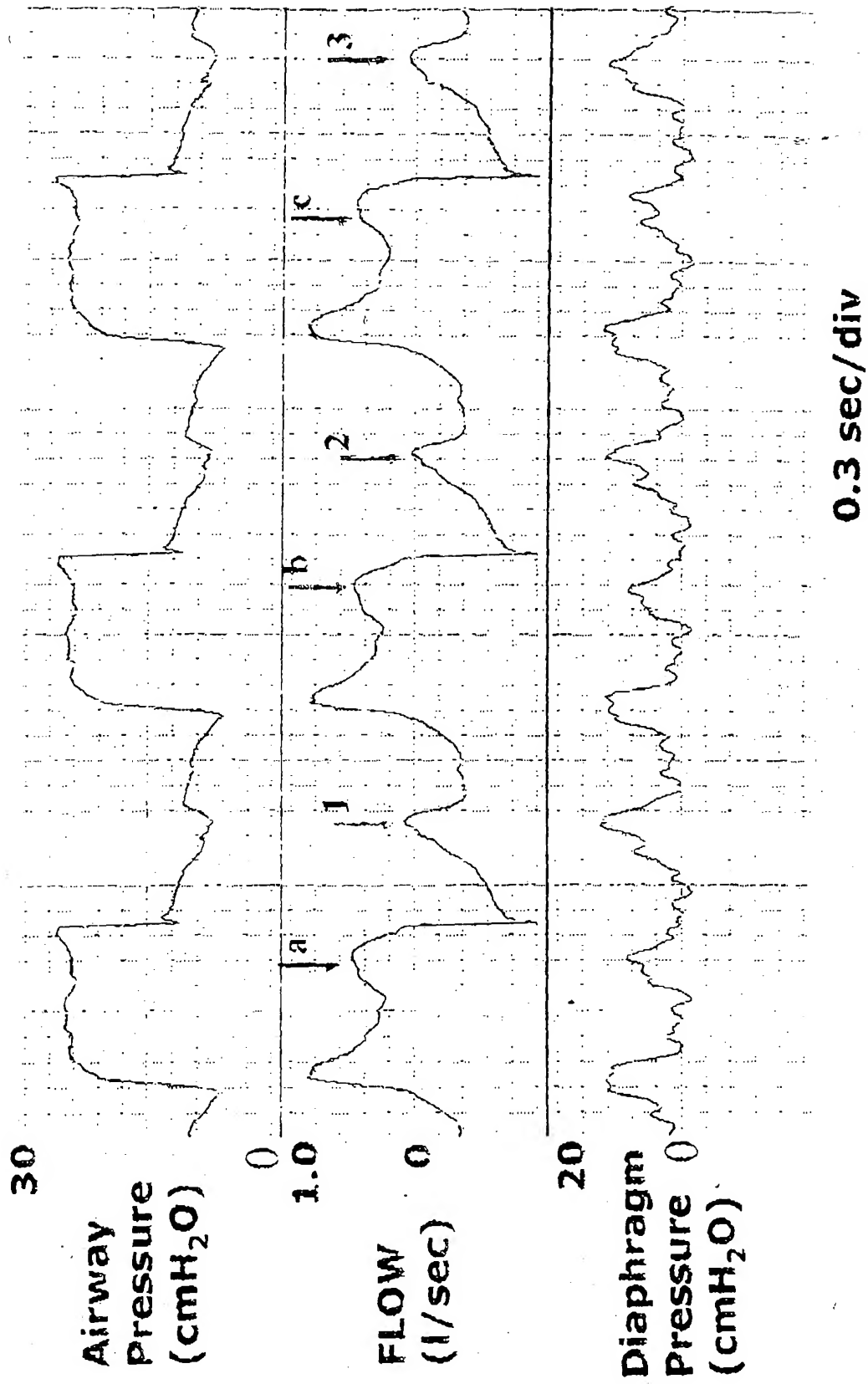


FIGURE 2

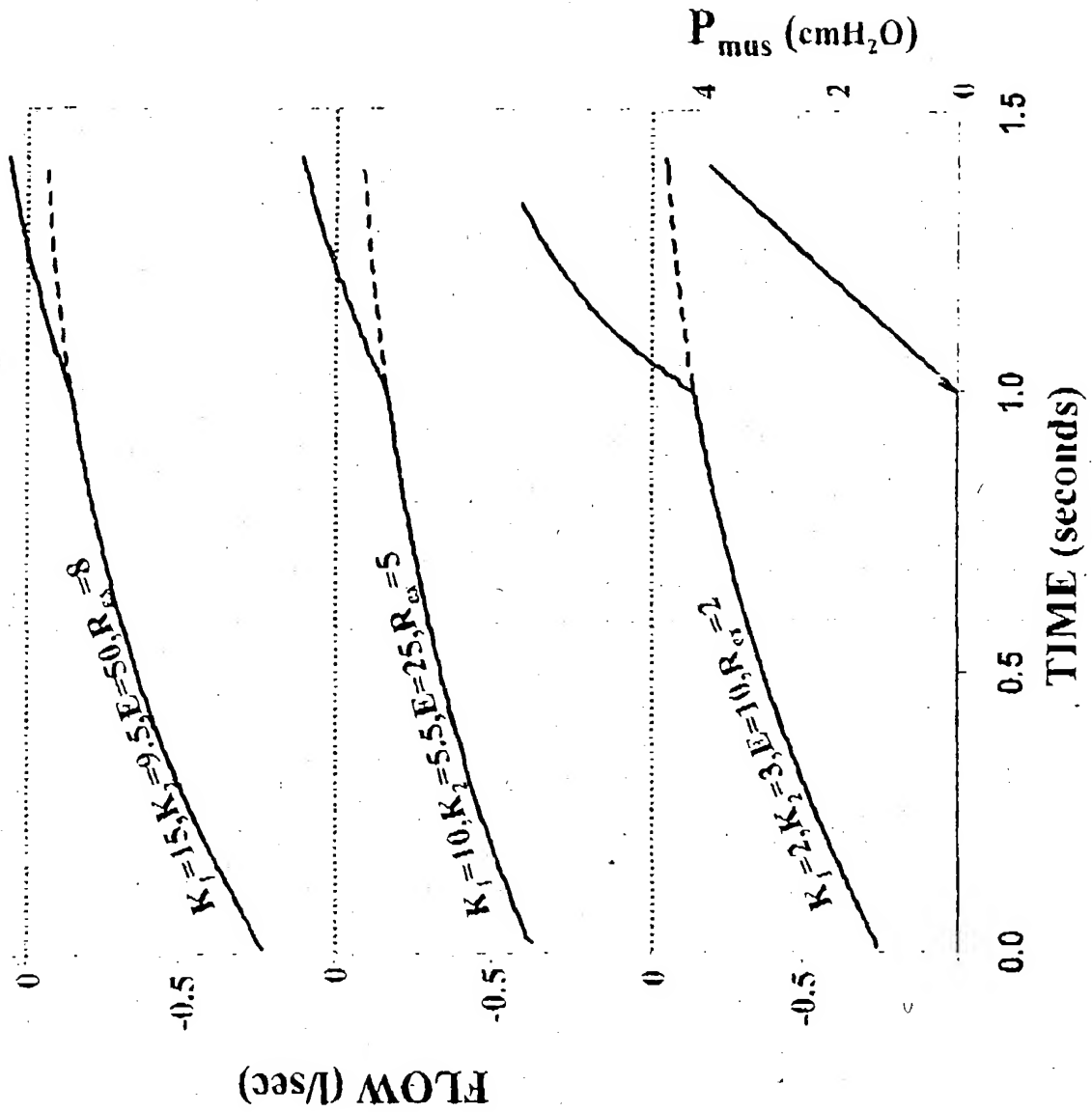


FIGURE 3

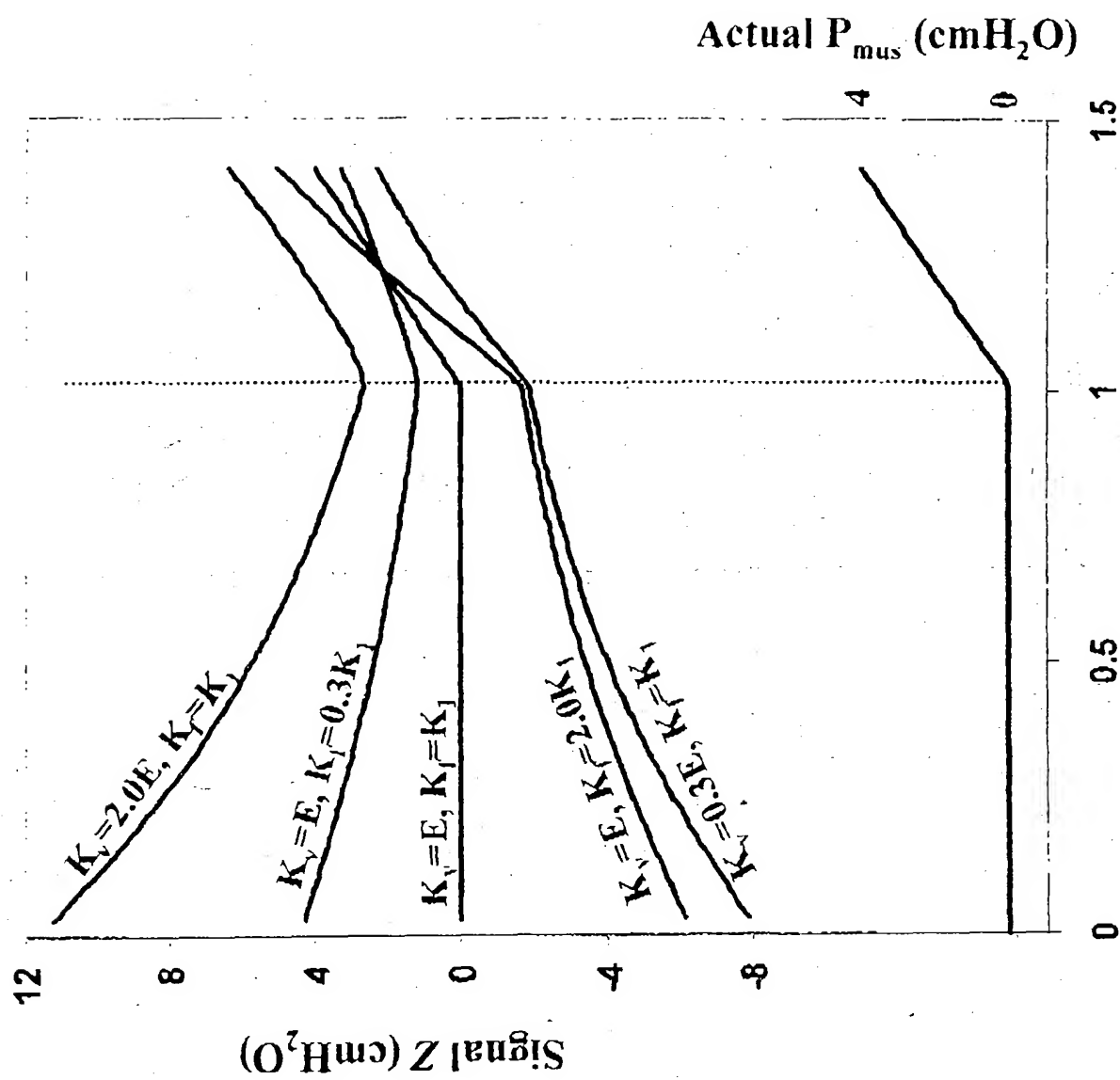


FIGURE 4

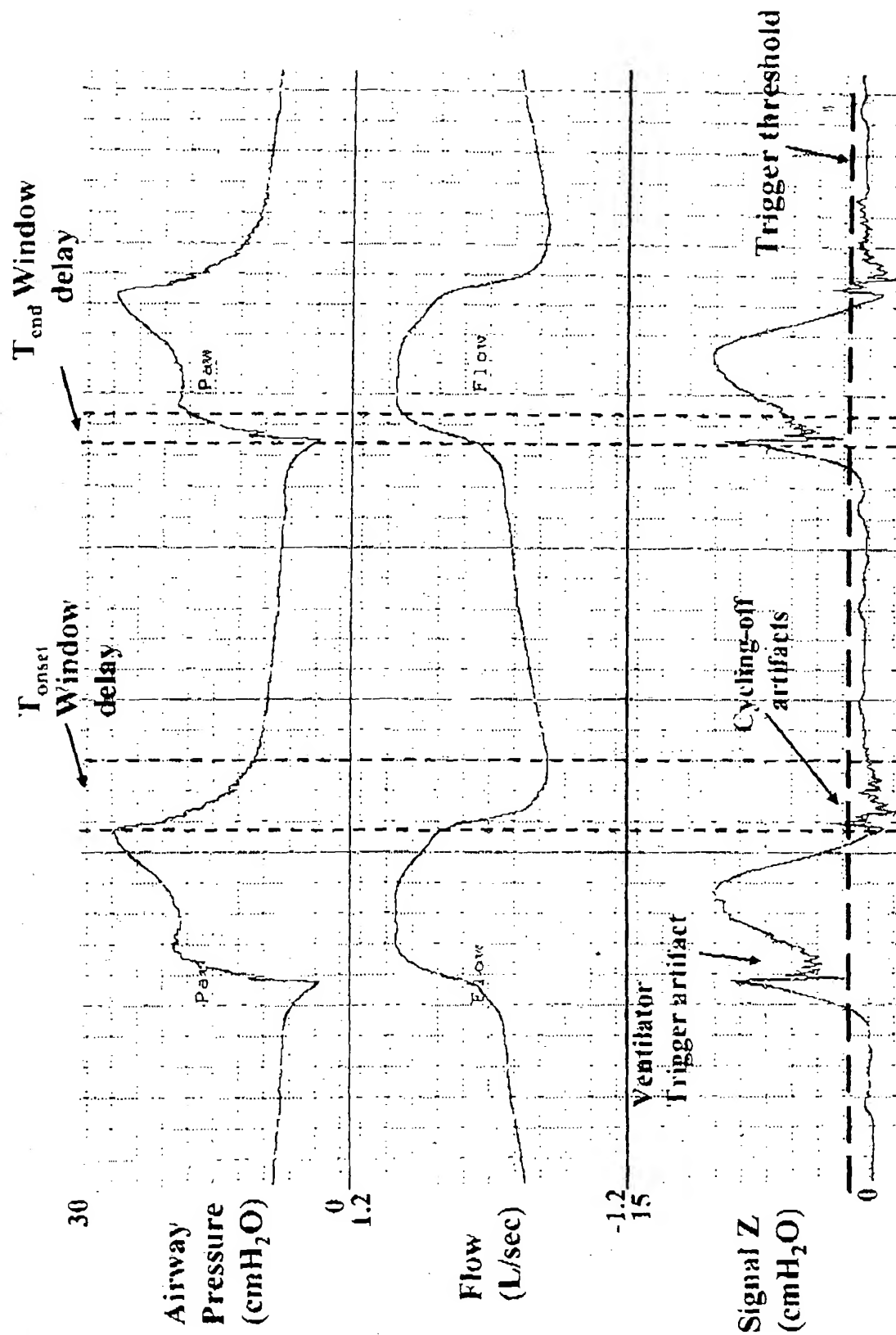


FIGURE 5

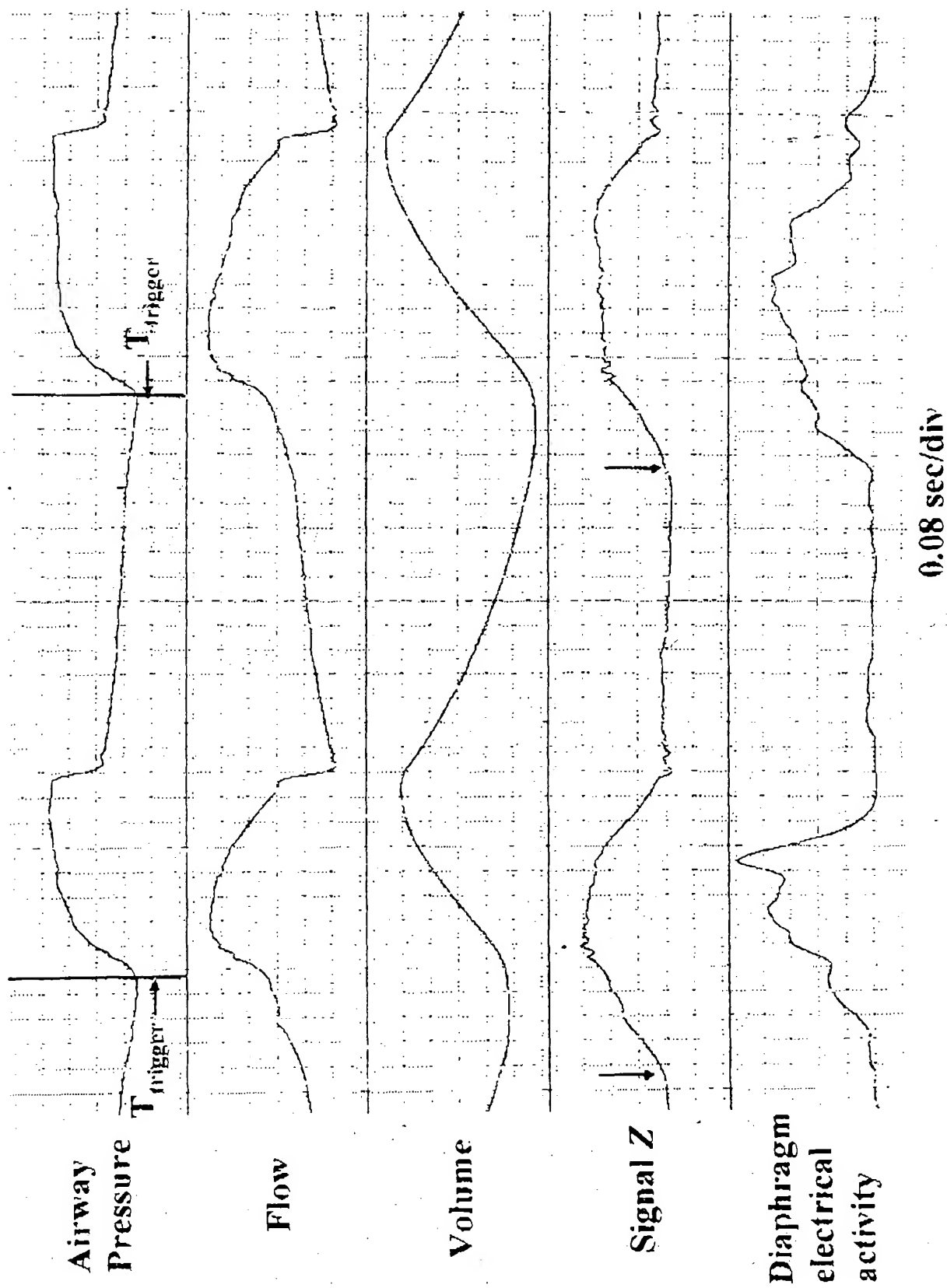


FIGURE 6

Generation of pressure and flow signals

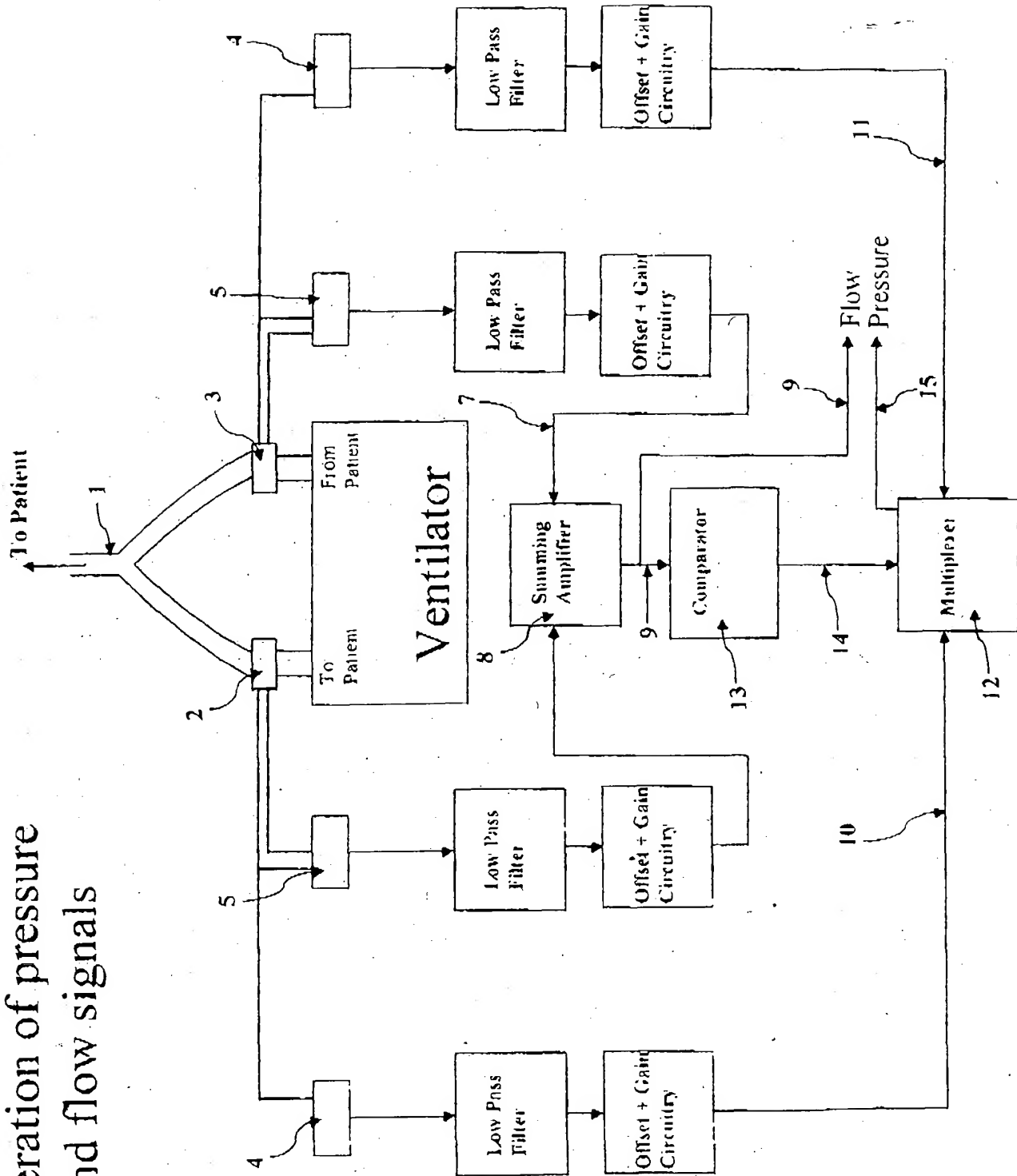


FIGURE 7

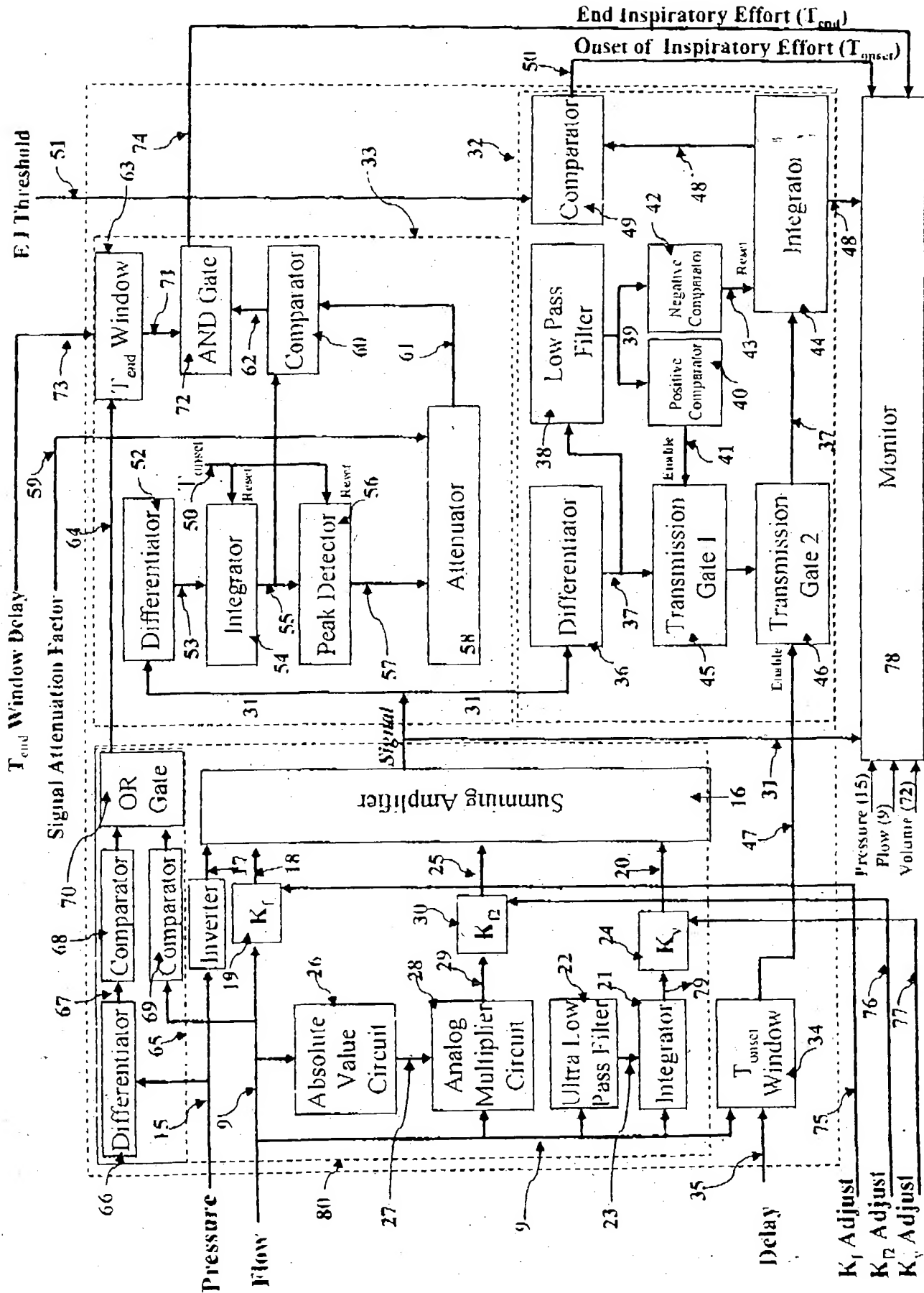


FIGURE 8

Digital Implementation Of Output Functions

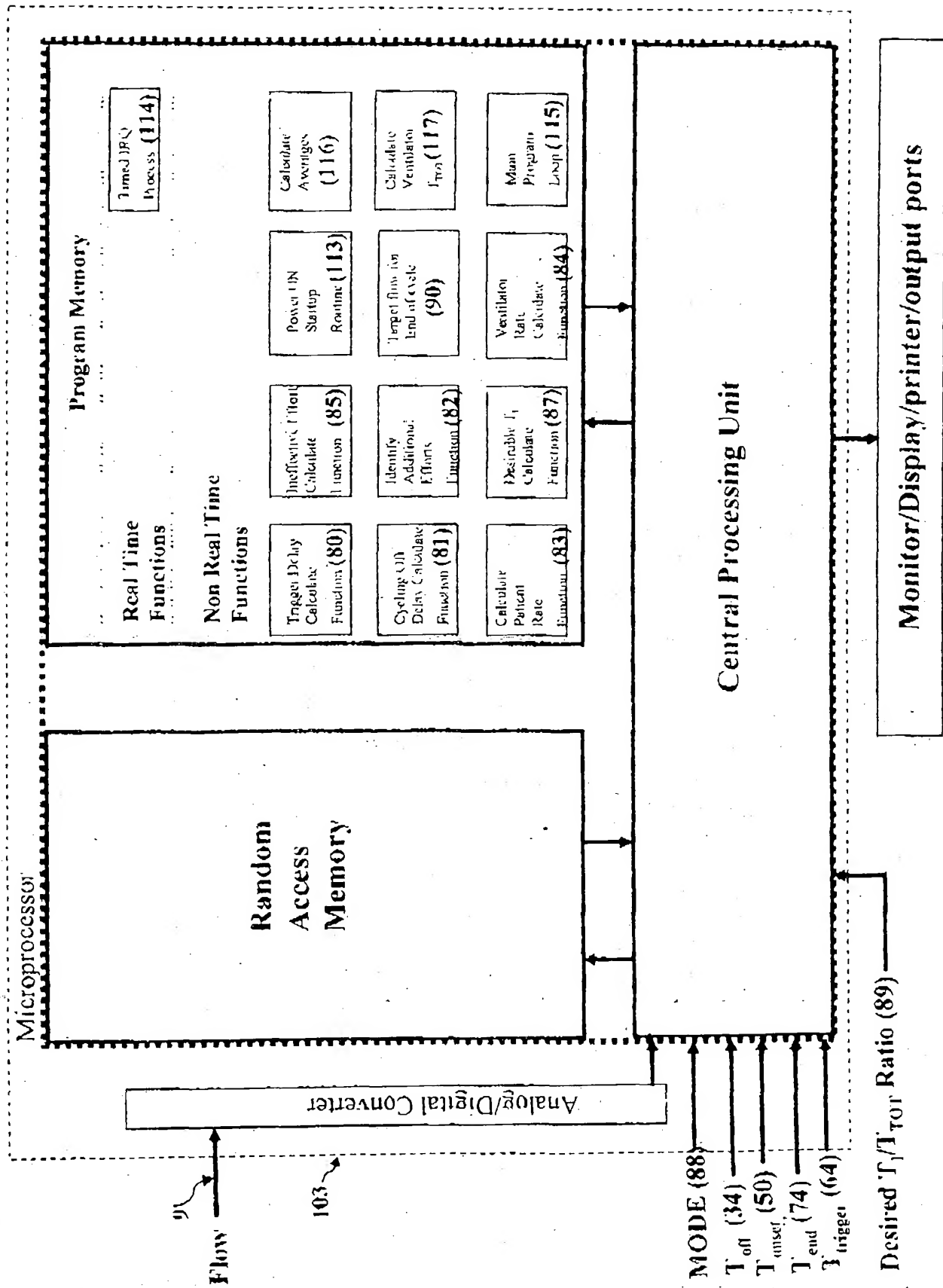


FIGURE 9

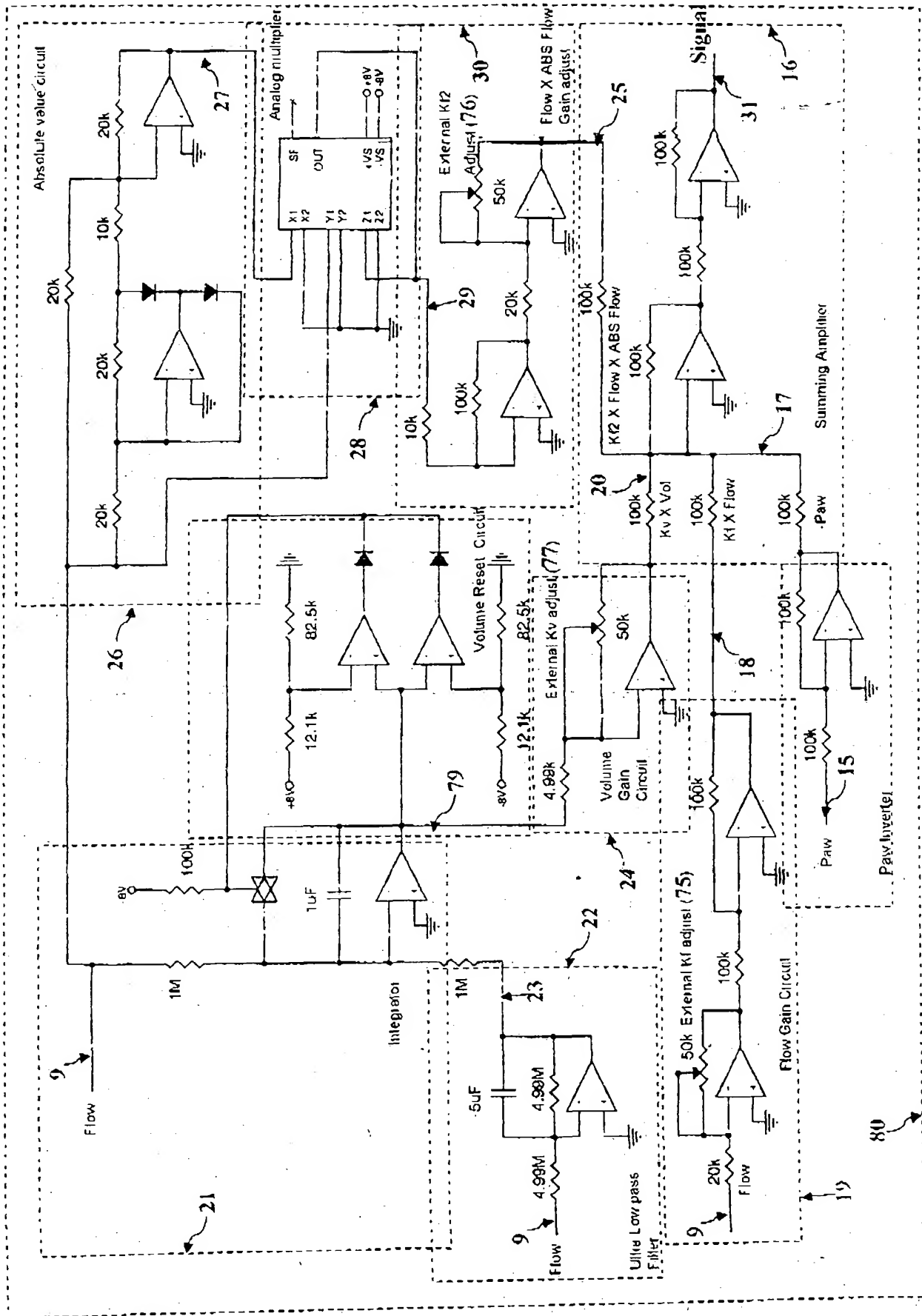
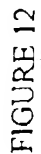


FIGURE 11



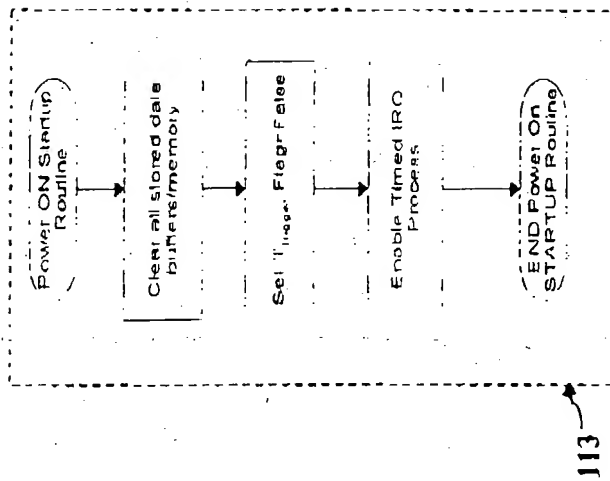


FIGURE 13

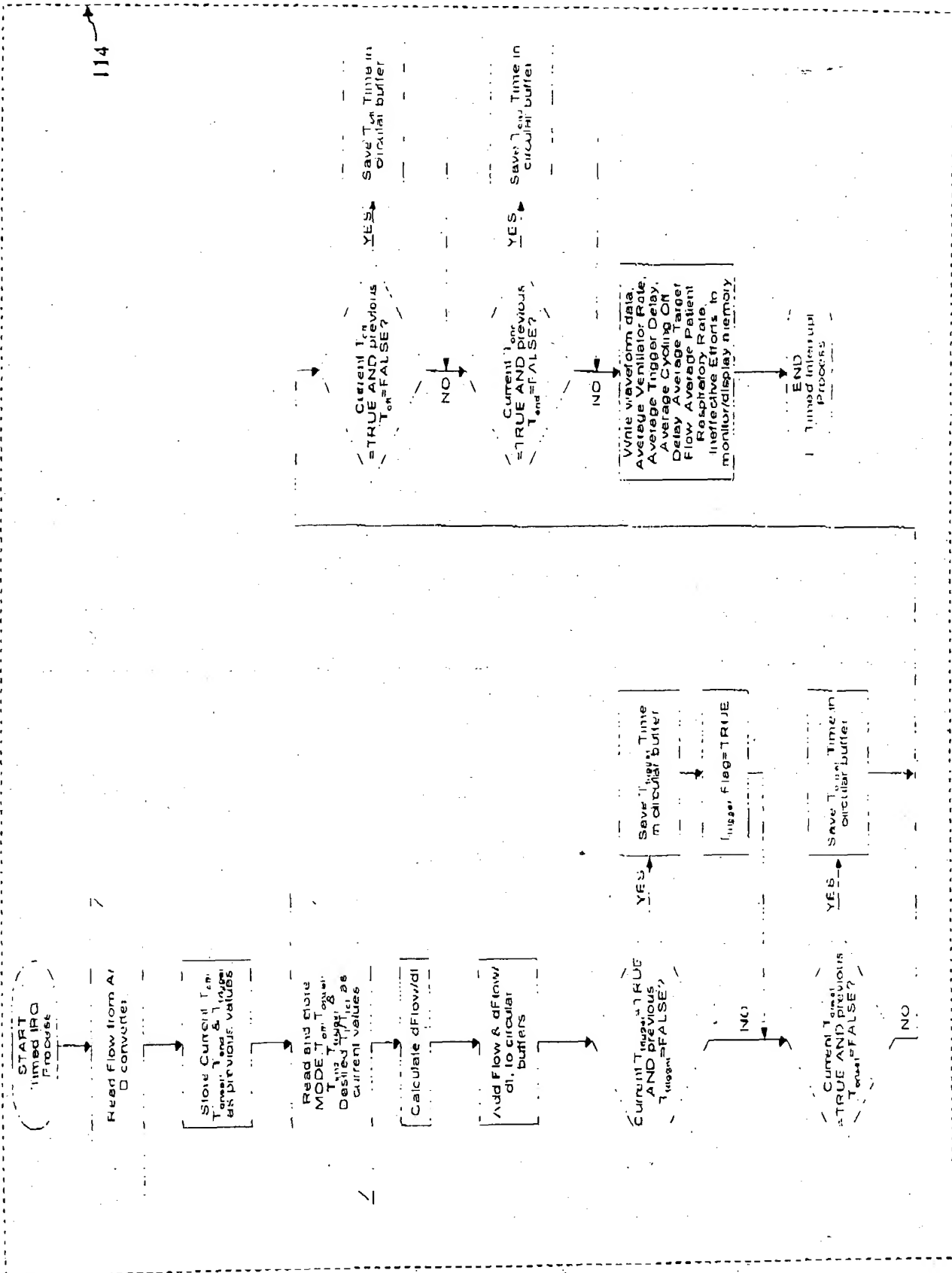


FIGURE 14

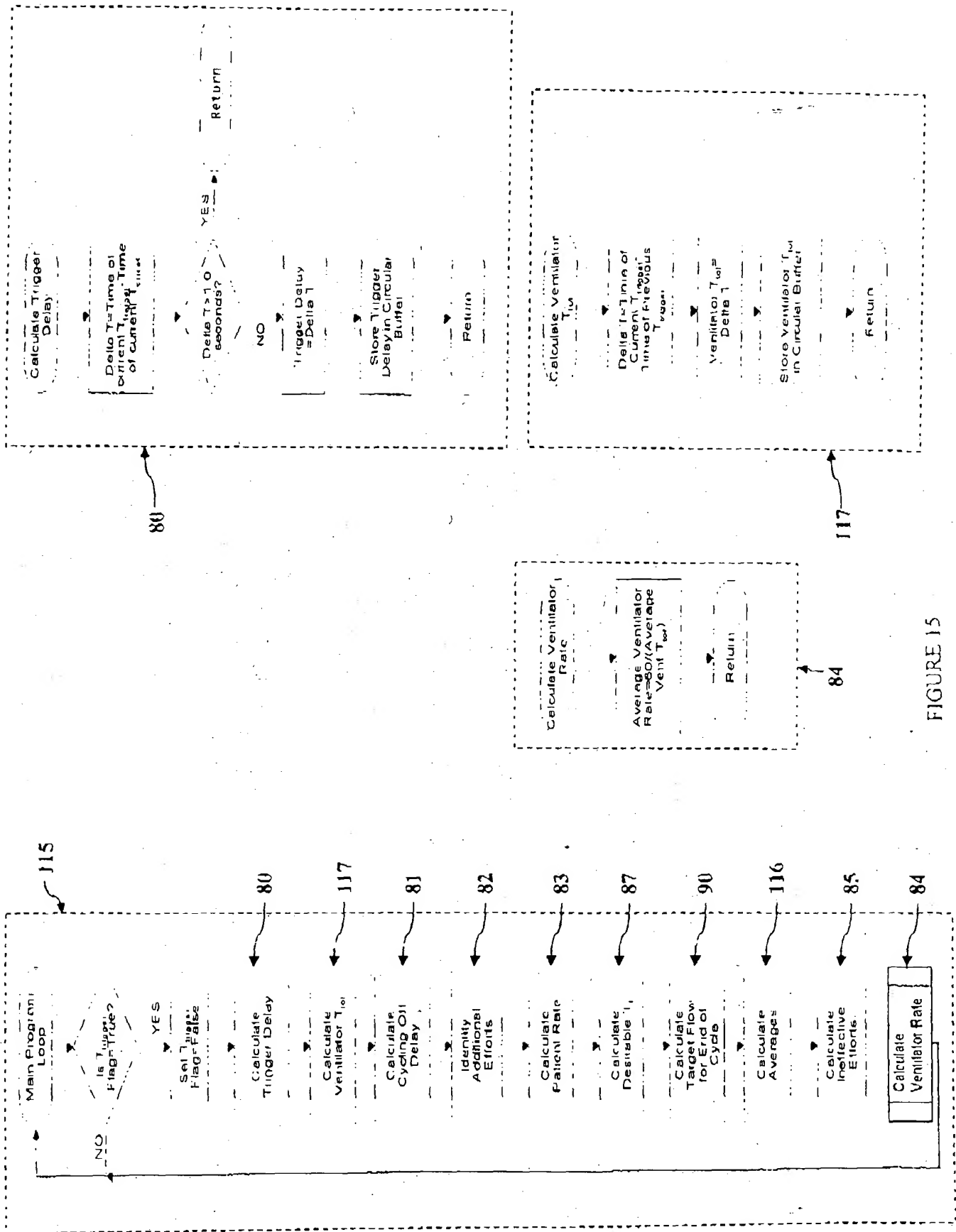


FIGURE 15

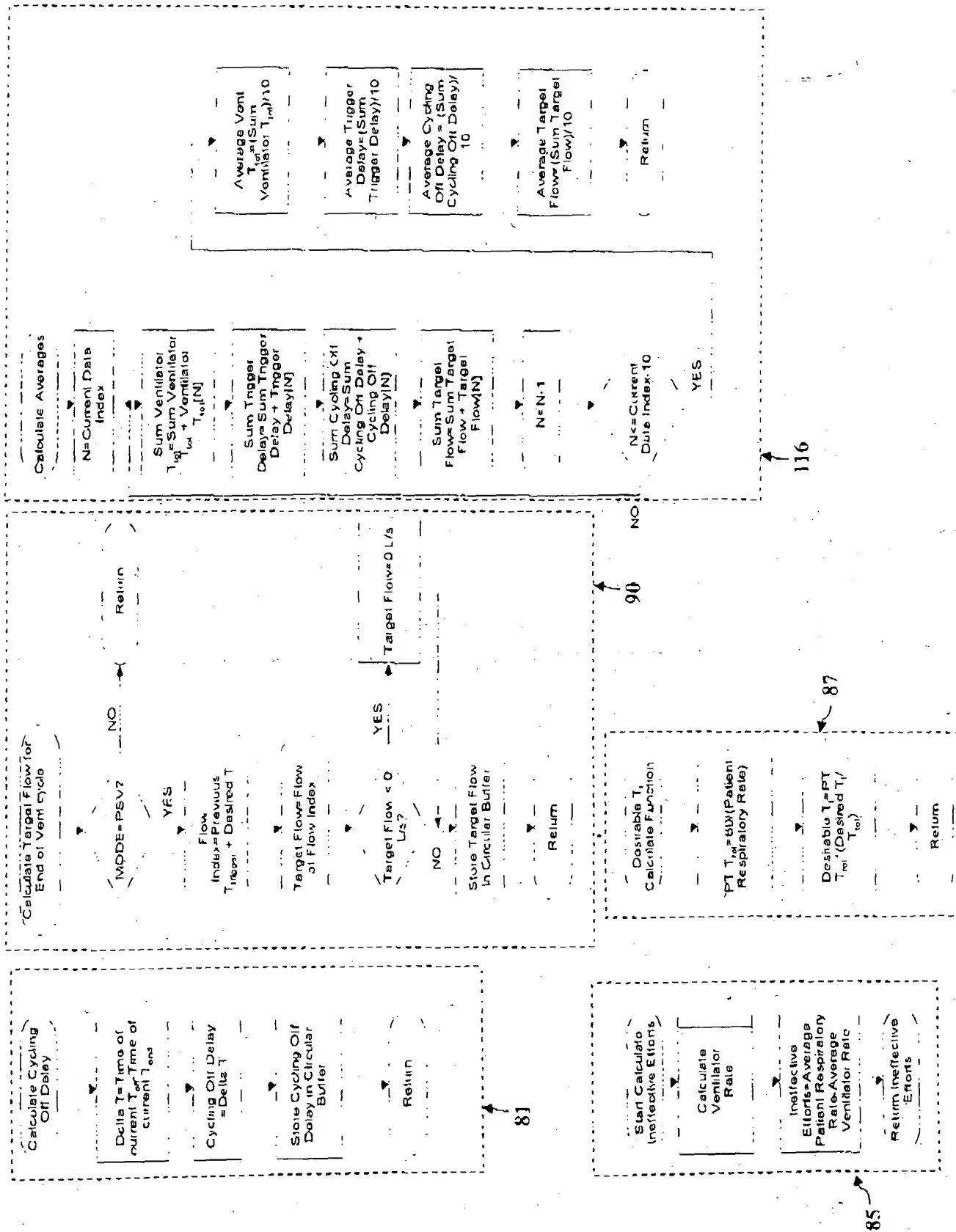


FIGURE 16

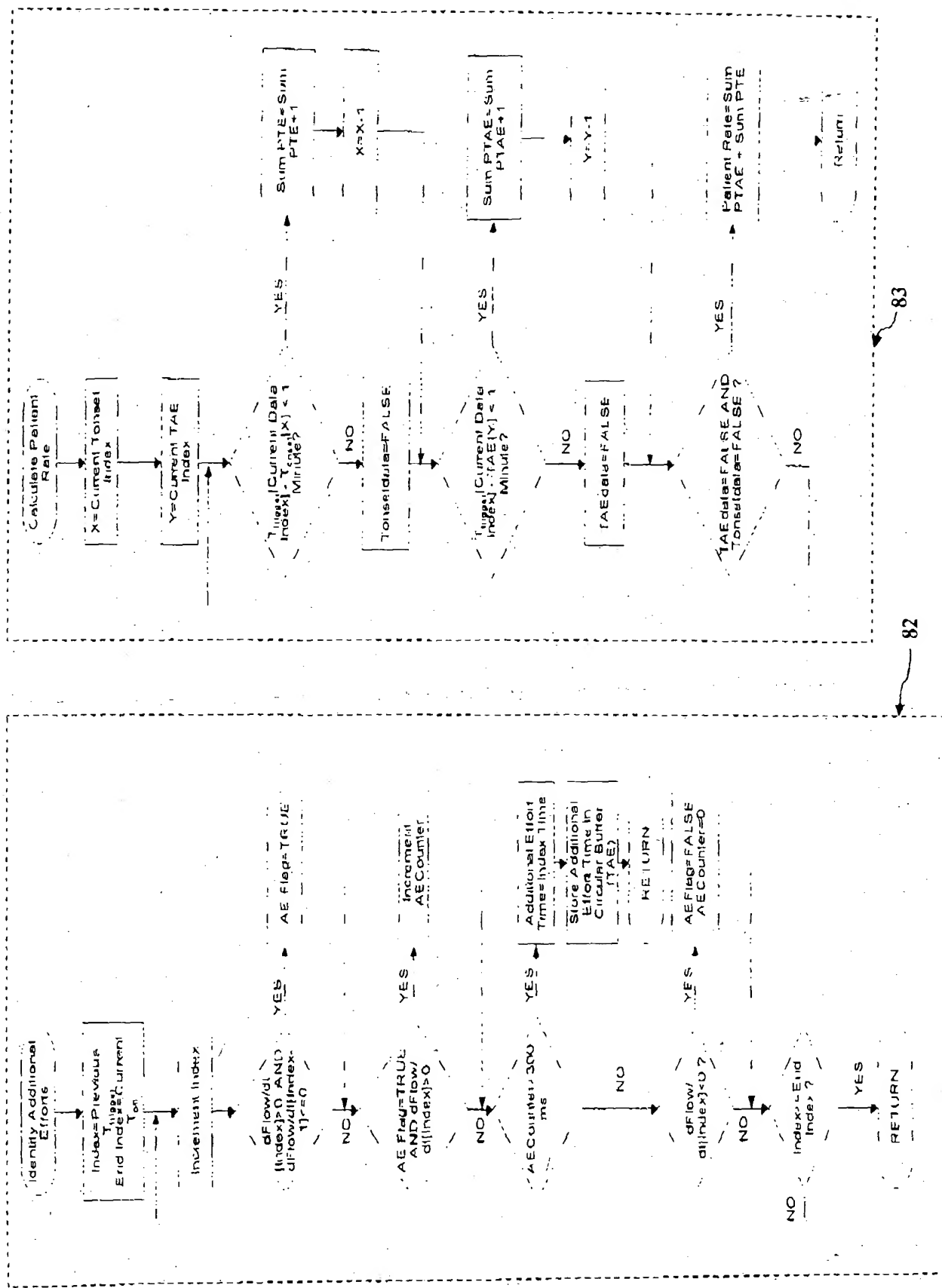


FIGURE 17

Digital Implementation

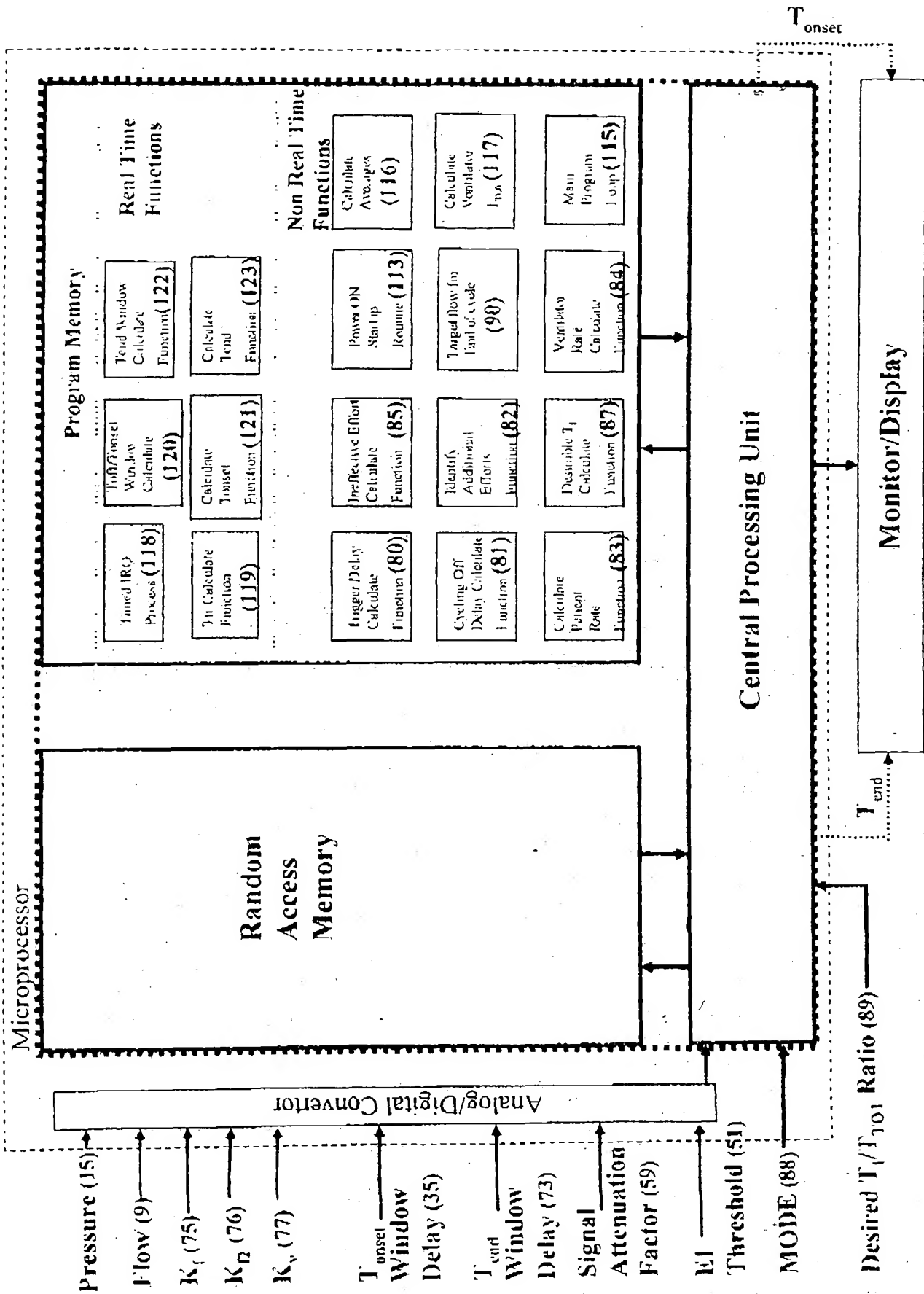


FIGURE 18

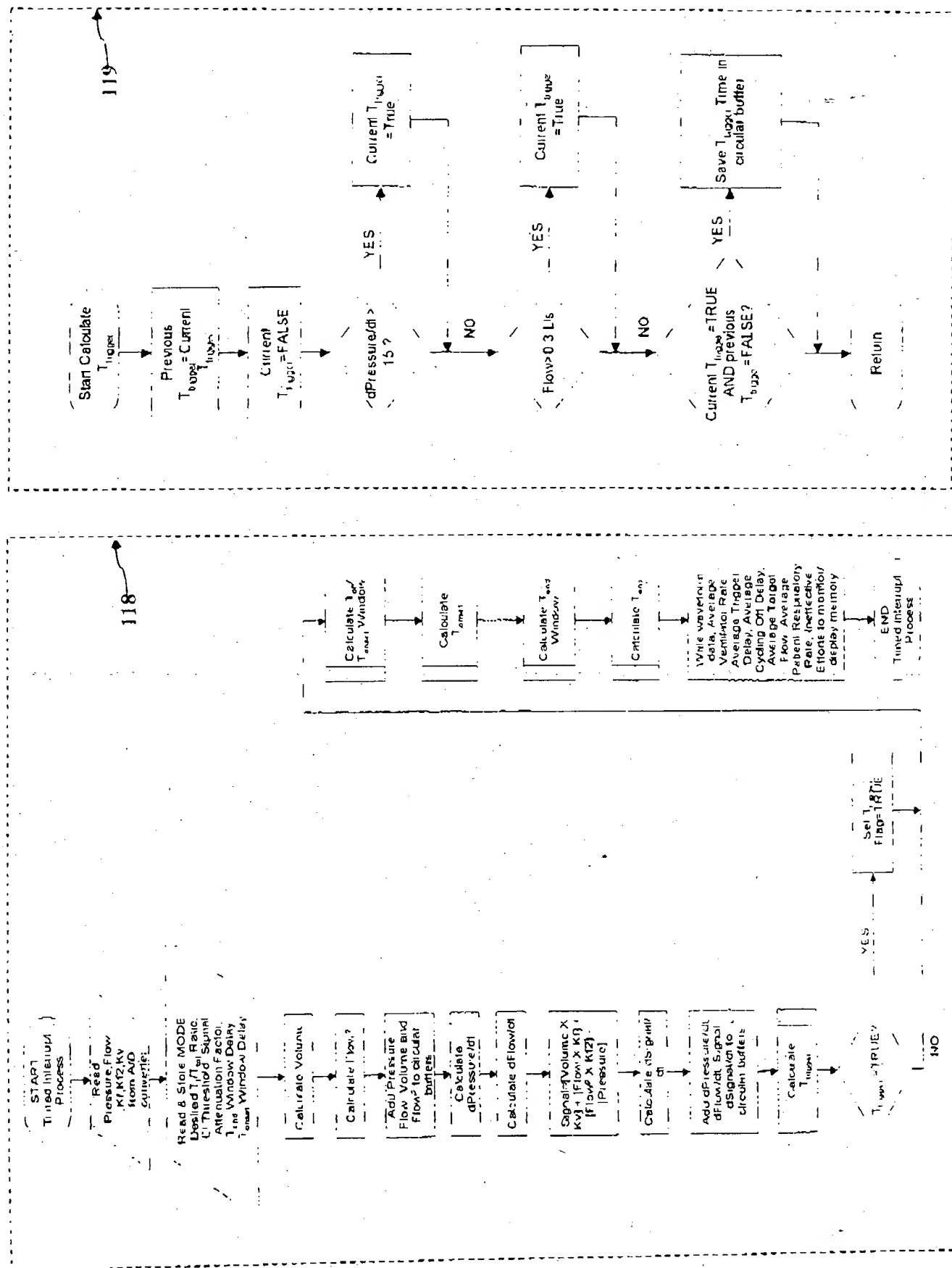


FIGURE 19

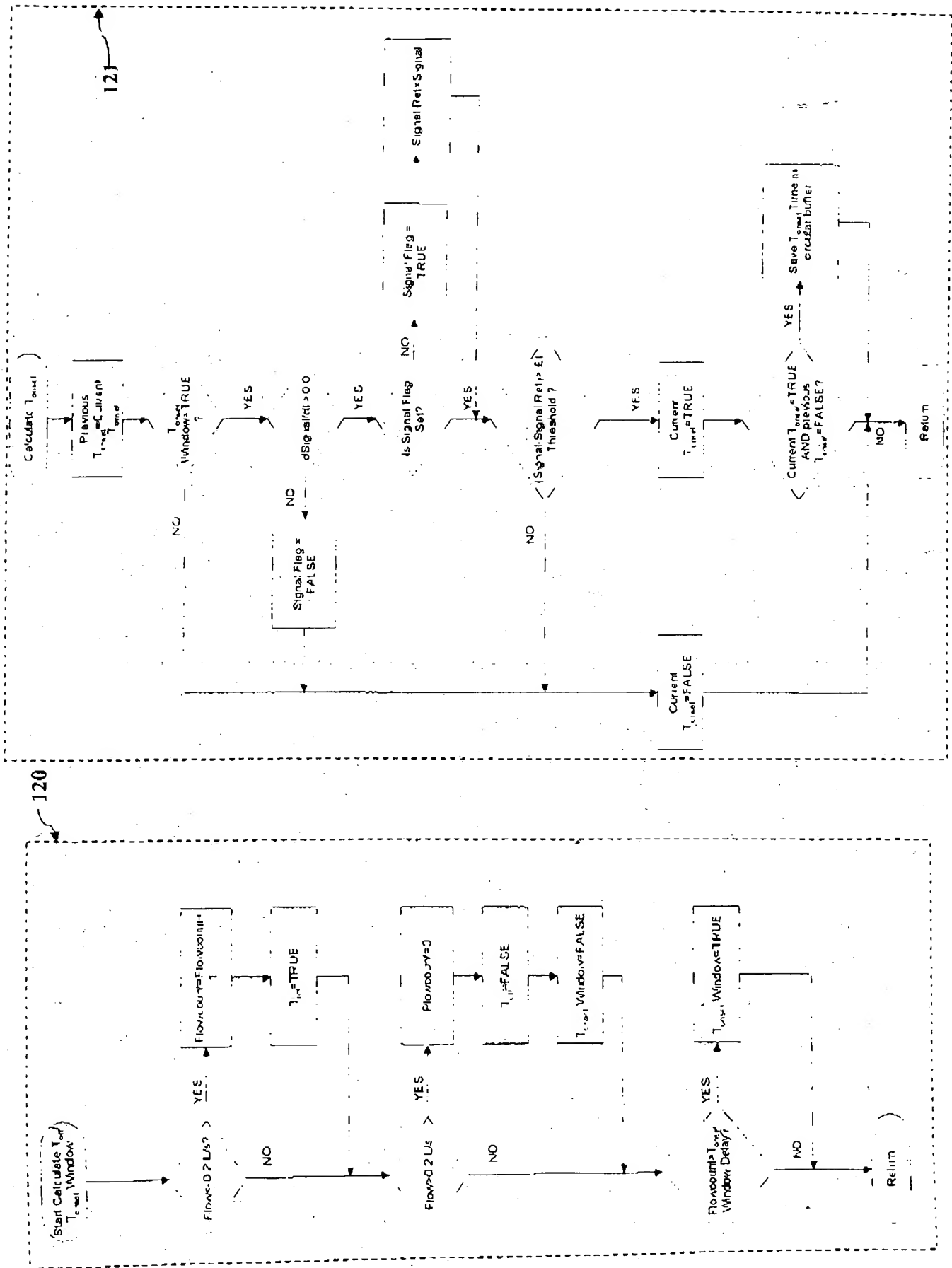
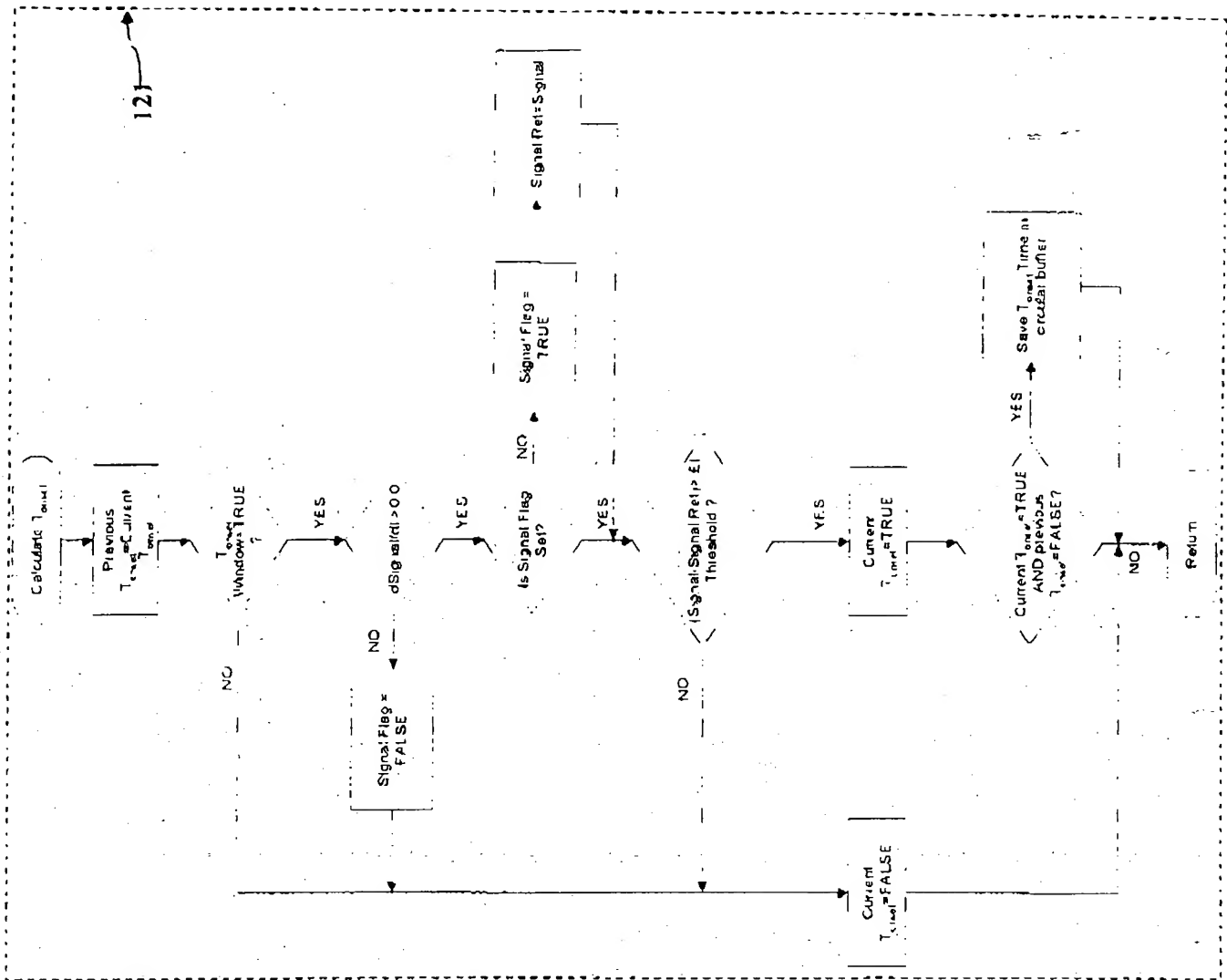


FIGURE 20



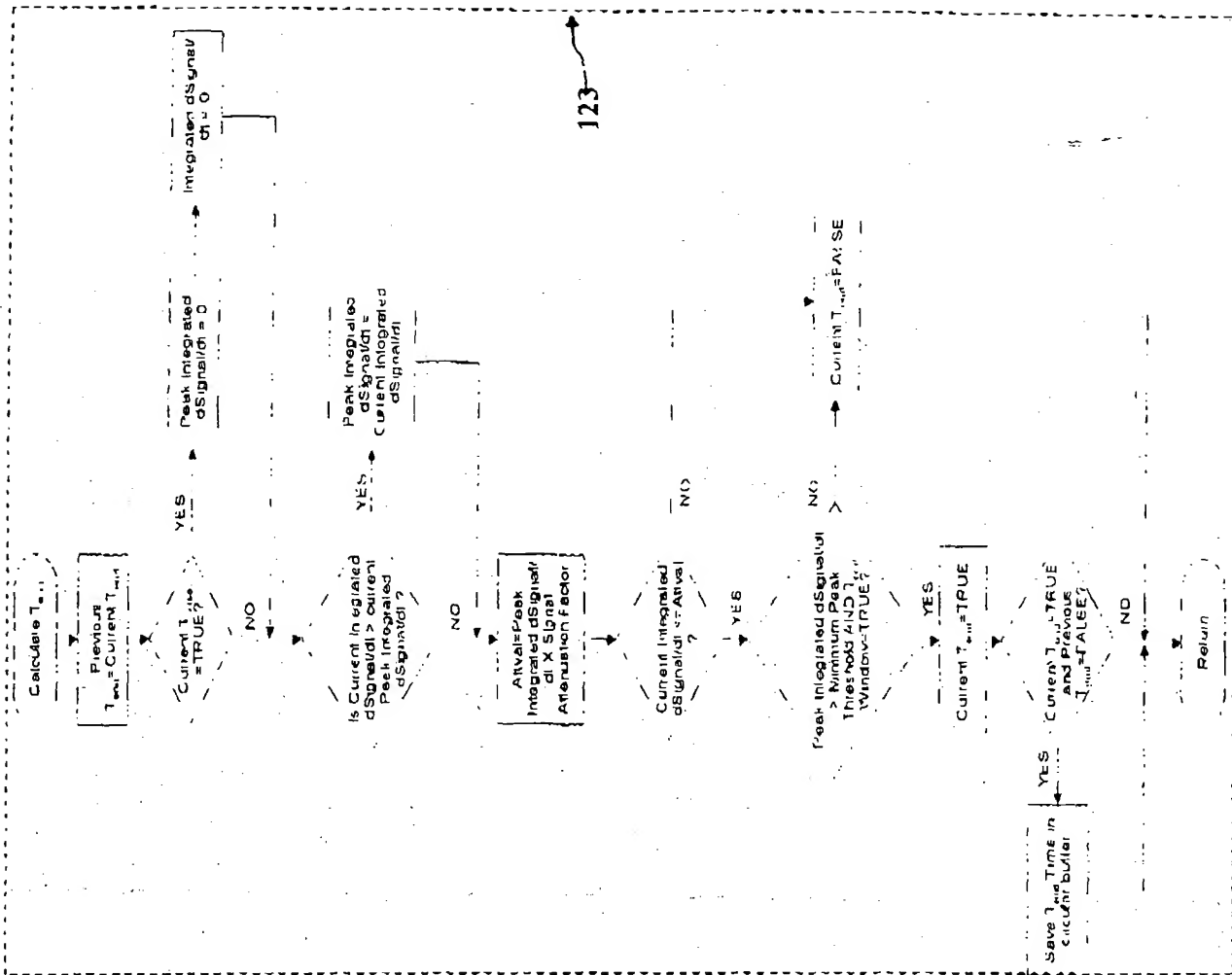


FIGURE 21

